GROWATT

GROWATT THOR Smart EV Charger

THOR 11AS-S/P-V1, THOR 22AS-S/P-V1 (Three Phase)

- Compatible with all branded EV
- Integration in existing & new-installed PV system
- Charge EV with 100% renewable energy by surplus solar power
- APP smart control & smart scheduling
- IP65 design for indoor or outdoor use





POWER-ING TOMO-RROW

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Datasheet	THOR 11AS-P-V1	THOR 11AS-S-V1	THOR 22AS-P-V1	THOR 22AS-S-V1
Input & Output				
Input voltage	400V AC			
Input frequency	50/60Hz			
Output voltage	400V AC			
Max. output power	11KW		22KW	
Max. output current	16A		32A	
Charging interface type	IEC 62196-2, Type 2			
Connection	Plug	Socket	Plug	Socket
Cable length	5m	/	5m	/
Protection				
Over voltage protection	Yes			
Under voltage protection	Yes			
Over load protection	Yes			
Earth leakage protection	AC 30mA + DC 6mA			
Over-temp protection	Yes			
Lightning protection	Yes			
Function and Accessory				
Ethernet/WIFI/4G	Yes/Yes/Opt			
LCD	Yes			
Charge activation	APP/Plug&Charge/RFID			
LED Indicator light	Yes			
Emergency stop button	Yes			
Multiple workmodes	Fast/ PV Linkage/ Off-peak/ Load balancing			
Communication protocol	OCPP 1.6			
MID meter	Opt			
Installation	Floor/wall-mounting			
General				
Protection degree	IP65			
Environment temperature	-25°C ~ +50°C			
Relative humidity	5-95% non-condensing			
Maximum altitude	<2000m			
Cooling	Natural cooling			
Standby power consumption	<8W			
Dimension (W/H/D)	240/380/164mm			
Weight	5.5kg	3.5kg	6.5kg	3.5kg
Wall-mounting bracket/ Ground-mounting pole	Yes/Opt			
CE (LVD&EMC, EN 61851-1, EN 61851-22, EN 61000-6-3, EN 61000-6-1), IEC 62196				

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